

Appl. No. 09/735,335
 Amdt. dated February 17, 2005
 Reply to Office Action of January 7, 2005

Amendments to the Claims:

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This listing of claims will replace all prior versions, and listings, of claims in the ~~in the prior version~~ application:

Listing of Claims:

Please amend claims 1, 6, 11, 12, 14, 15, 17, 23, and 25 as follows:

1. (currently amended): A telecommunications terminal comprising:

a receiver for receiving a plurality of broadcasted geographically-sensitive messages having an indicium of associated geographic locations of relevance; and means for ascertaining a geographic location of said telecommunications terminal; and

a processor ~~for~~ configured to determine a geographic region of interest of said telecommunications terminal based on said geographic location of said telecommunications terminal, ~~for~~ determine whether said the geographic locations of relevance associated with the plurality of broadcasted geographically-sensitive messages ~~is~~ are within said geographic region of interest of said telecommunications terminal, and ~~for~~ disregarding ~~filter out said the broadcasted geographically-sensitive messages whose said associated~~ geographic locations of relevance ~~is~~ are not within said geographic region of interest of said telecommunications terminal.

2. (original): The telecommunications terminal of claim 1:

wherein said telecommunications terminal is mobile; and

wherein said geographic region of interest is based on said geographic location of said telecommunications terminal and on a direction of motion of said telecommunications terminal.

3. (original): The telecommunications terminal of claim 1:

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wherein said telecommunications terminal is mobile; and

wherein said geographic region of interest is based on said geographic location of said

telecommunications terminal and on a speed of said telecommunications terminal.

4. (original): The telecommunications terminal of claim 1 wherein said geographic region of interest is based on a priority of said geographically-sensitive message.

5. (original): The telecommunications terminal of claim 1 wherein said geographic region of interest comprises at least one of a polygon and a conic section.

6. (currently amended): A method of operating a telecommunications terminal, said method comprising:

receiving a plurality of geographically-sensitive messages broadcasted to a plurality of telecommunication terminals, and the plurality of geographically-sensitive messages having an indicium of associated geographic locations of relevance;

ascertaining a geographic location of said telecommunications terminal;

determining a geographic region of interest of said telecommunications terminal based on said geographic location of said telecommunications terminal;

determining whether ~~said~~ the geographic locations of relevance ~~is~~ are within said geographic region of interest of said telecommunications terminal; and

~~disregarding~~ filtering out said the geographically-sensitive messages when ~~ose~~ said associated geographic locations of relevance ~~is~~ are not within said geographic region of interest of said telecommunications terminal.

7. (original): The method of claim 6:

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wherein said telecommunications terminal is mobile; and
wherein said geographic region of interest is based on said geographic location of said telecommunications terminal and on a direction of motion of said telecommunications terminal

8. (previously presented): The method of claim 6 wherein said telecommunications terminal is mobile; and

wherein said geographic region of interest is based on said geographic location of said telecommunications terminal and on a speed of said telecommunications terminal.

9. (original): The method of claim 6 wherein said geographic region of interest is based on a priority of said geographically-sensitive message.

10. (original): The method of claim 6 wherein said geographic region of interest comprises at least one of a polygon and a conic section.

11. (currently amended): A telecommunications terminal for filtering geographically-sensitive messages which are broadcasted to a plurality of telecommunication terminals, the telecommunication terminal comprising:

a receiver for receiving a plurality of broadcasted geographically-sensitive messages, and the plurality of broadcasted geographically-sensitive messages having an indicium of associated geographic regions of relevance;

means for ascertaining a geographic location of said telecommunications terminal; and

a processor for determining whether said geographic location of said telecommunications terminal is within said the geographic regions of relevance, and for disregarding filtering out said the broadcasted geographically-sensitive messages when said geographic location of said

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telecommunications terminal is not within said the corresponding geographic region of relevance within said the corres-
of the broadcasted geographically-sensitive message. ~~of the broadcasted geographically-sensitive message.~~

12. (currently amended): The telecommunications terminal of claim 11 wherein said ~~the telecommunications~~
receiver is also for receiving a definition of said geographic region of relevance and an indicium
and further comprising a memory for storing said definition of said geographic region of
relevance with ~~said an~~ an indicium of said geographic region of relevance as an index into said
memory.

13. (original): The telecommunications terminal of claim 11 wherein said geographic
region of relevance comprises at least one of a polygon and a conic section.

14. (currently amended): A method of operating a telecommunications terminal to filter
geographically-sensitive messages which are broadcasted to a plurality of telecommunication
terminals, said method comprising:

receiving a plurality of broadcasted geographically-sensitive messages ~~and having an~~
~~indiciu~~ m of associated geographic regions of relevance;

ascertaining a geographic location of said telecommunications terminal; and

determining whether said geographic location of said telecommunications terminal is
within ~~said the~~ the geographic regions of relevance; and

disregarding ~~said the broadcasted~~ the broadcasted geographically-sensitive messages when said
geographic location of said telecommunications terminal is not within said the corresponding
geographic region of relevance of the geographically-sensitive message.

15. (currently amended): The method of claim 14 further comprising:

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receiving a definition of said geographic region of relevance and an indicium of said geographic region of relevance before receiving said geographically-sensitive message and said receiving said geographic region of relevance; and

storing said definition of said geographic region of relevance into a memory with said indicium of said geographic region of relevance as an index into said memory.

16. (original): The method of claim 14 wherein said geographic region of relevance comprises at least one of a polygon and a conic section.

17. (currently amended): A telecommunications terminal comprising:
a receiver for receiving a plurality of broadcasted geographically-sensitive messages and associated an-indiciuma of a-geographic regions of relevance; meansand for ascertaining a geographic location of said telecommunications terminal; and

a processor forconfigured to determining a geographic region of interest based on said geographic location of said telecommunications terminal, for to determining whether said geographic regions of relevance overlaps said geographic region of interest, and for to disregardingfilter out said broadcasted geographically-sensitive messages whenose-said associated geographic regions of relevance fails to overlap said geographic region of interest.

18. (original): The telecommunications terminal of claim 17:
wherein said telecommunications terminal is mobile; and
wherein said geographic region of interest is based on said geographic location of said telecommunications terminal and on a direction of motion of said telecommunications terminal.

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19. (original): The telecommunications terminal of claim 17 wherein said receiver is a communications terminal and also for receiving a definition of said geographic region of relevance, and further comprising a geographic region memory for storing said definition of said geographic region of relevance with said and an indicium of said geographic region of relevance as an index into said memory.

20. (original): The telecommunications terminal of claim 17:
wherein said telecommunications terminal is mobile; and
wherein said geographic region of interest is based on said geographic location of said telecommunications terminal and on a speed of said telecommunications terminal.

21. (original): The telecommunications terminal of claim 17 wherein said geographic region of interest is based on a priority of said geographically-sensitive message.

22. (original): The telecommunications terminal of claim 17 wherein said geographic region of interest comprises at least one of a polygon and a conic section.

23. (currently amended): A method of operating a telecommunications terminal, said method comprising:

receiving a plurality of broadcasted geographically-sensitive messages and having an indicium of associated geographic regions of relevance;
ascertaining a geographic location of said telecommunications terminal; and
determining a geographic region of interest of said telecommunications terminal based on said geographic location of said telecommunications terminal;
determining whether said the geographic regions of relevance overlaps said geographic region of interest of said telecommunications terminal; and

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~~disregarding filtering out said the broadcasted geographically-sensitive messages when the broadcasted geogr~~
~~said associated geographic regions of relevance fails to overlap said geographic region of interest~~
~~of said telecommunications terminal.~~

24. (original): The method of claim 23:

wherein said telecommunications terminal is mobile; and

wherein said geographic region of interest is based on said geographic location of said telecommunications terminal and on a direction of motion of said telecommunications terminal.

25. (currently amended): The method of claim 23 further comprising:

receiving a definition of said geographic region of relevance and an indicium of said geographic region of relevance before receiving said geographically-sensitive message ~~and said indicium of said geographic region of relevance~~; and

storing said definition of said geographic region of relevance into a memory with said indicium of said geographic region of relevance as an index into said memory.

26. (original): The method of claim 23:

wherein said telecommunications terminal is mobile; and

wherein said geographic region of interest is based on said geographic location of said telecommunications terminal and on a speed of said telecommunications terminal.

27. (original): The method of claim 23 wherein said geographic region of interest is based on a priority of said geographically-sensitive message.

28. (original): The method of claim 23 wherein said geographic region of interest comprises at least one of a polygon and a conic section.